

Diagram that shows the structure of a cross-flow fan for gas circulation in an embodiment of the present invention.

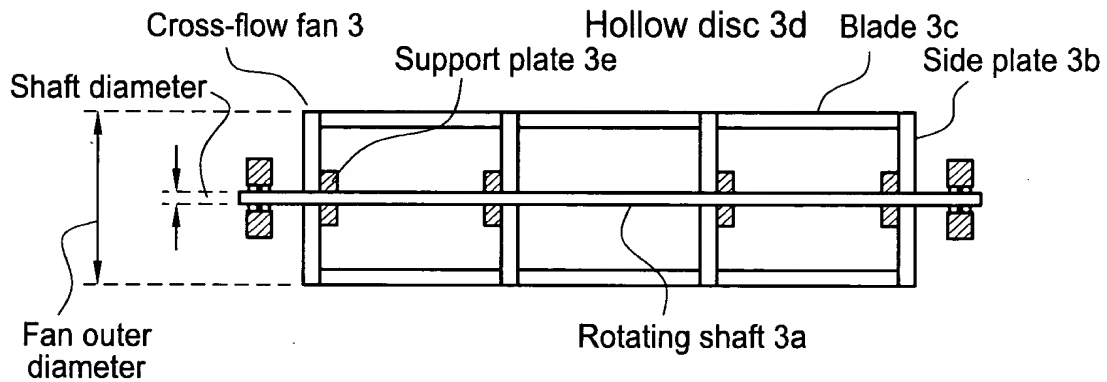


FIG. 1

Diagram showing measurements of the gas flow rate versus the speed of rotation of a cross-flow fan in this embodiment

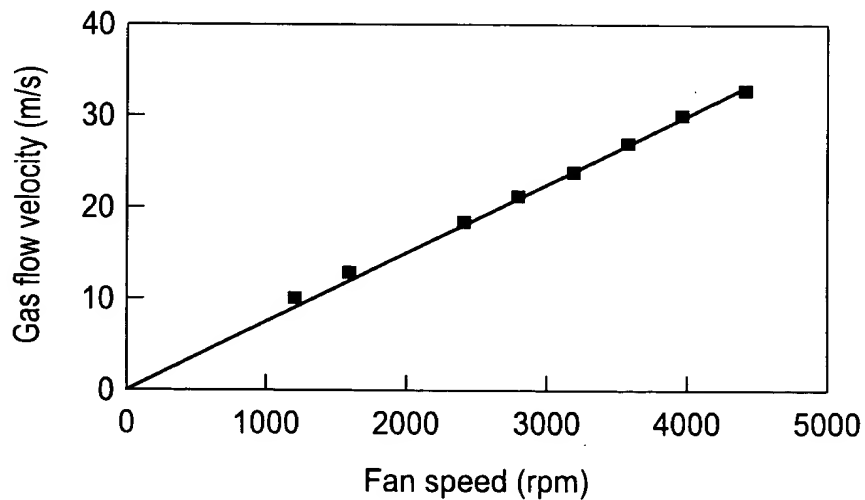


FIG. 2

Diagram showing results of measuring the vertical vibration acceleration in a laser chamber versus the speed of rotation of a cross-flow fan

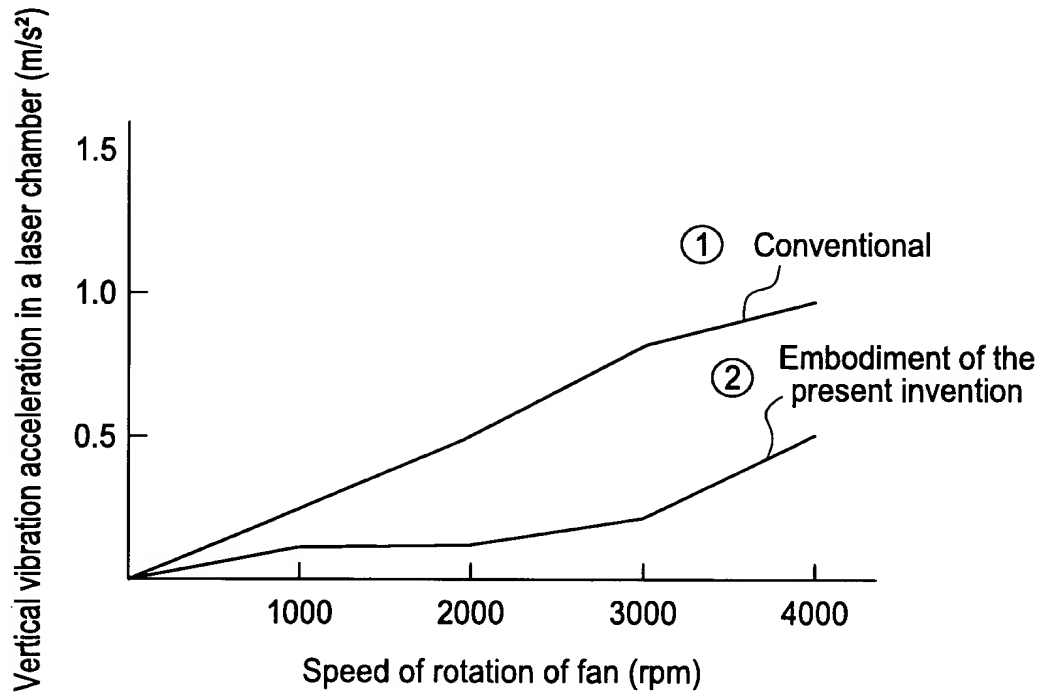


FIG. 3

Cross-sectional view of hollow rotating shaft mounted in a cross-flow fan in an embodiment of the present invention.

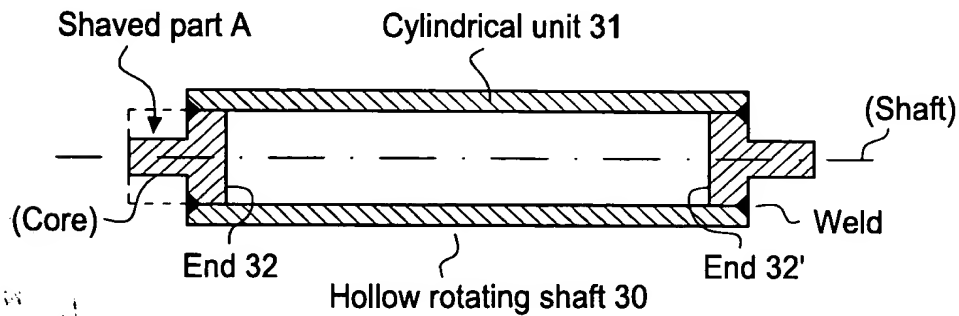


FIG. 4

Diagram showing another example of a hollow rotating shaft

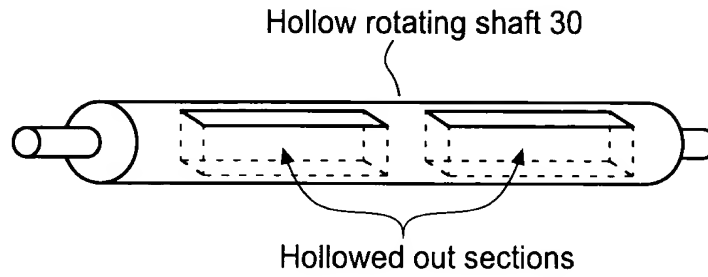


FIG. 5

Cross-sectional view of the basic structure of a chamber of an excimer laser device using magnetic bearings and a hollow rotating shaft

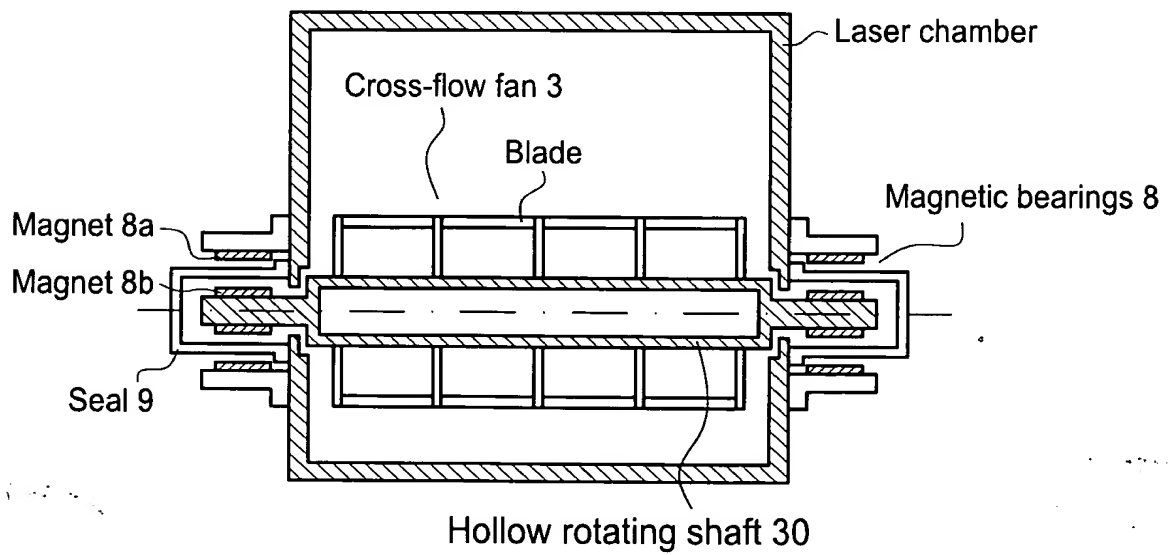


FIG. 6

Schematic diagram showing the interior of a laser chamber in an excimer laser device.

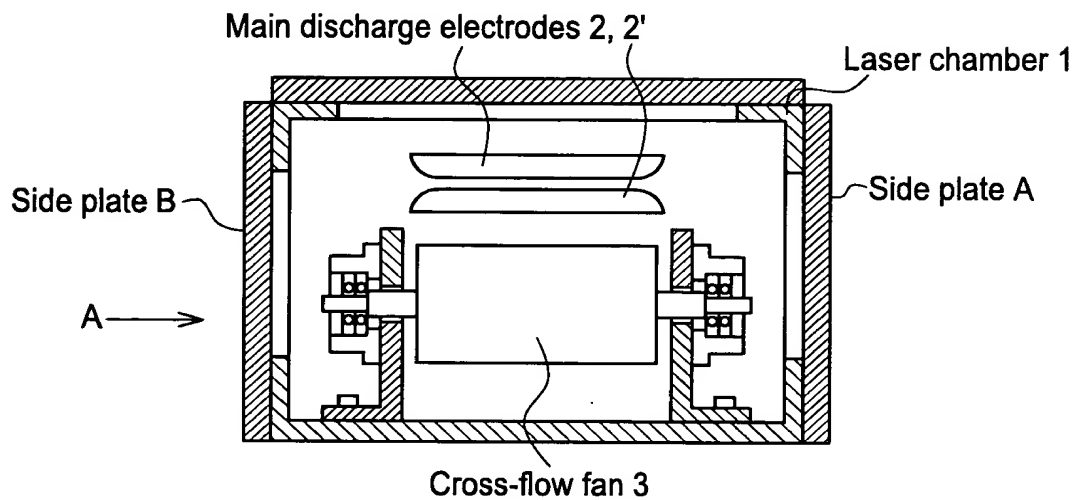


FIG. 7(a)

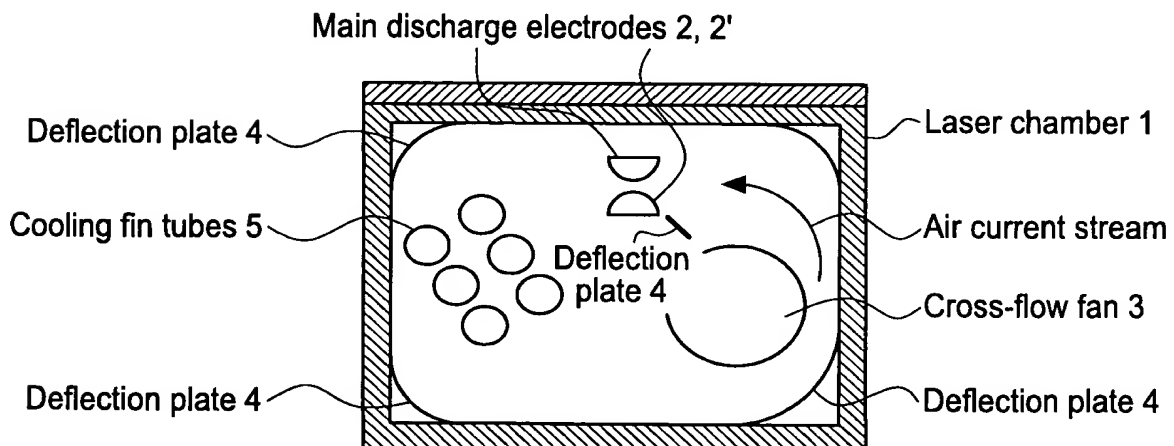


FIG. 7(b)

Cross-sectional view of a cross-flow fan housed in a casing

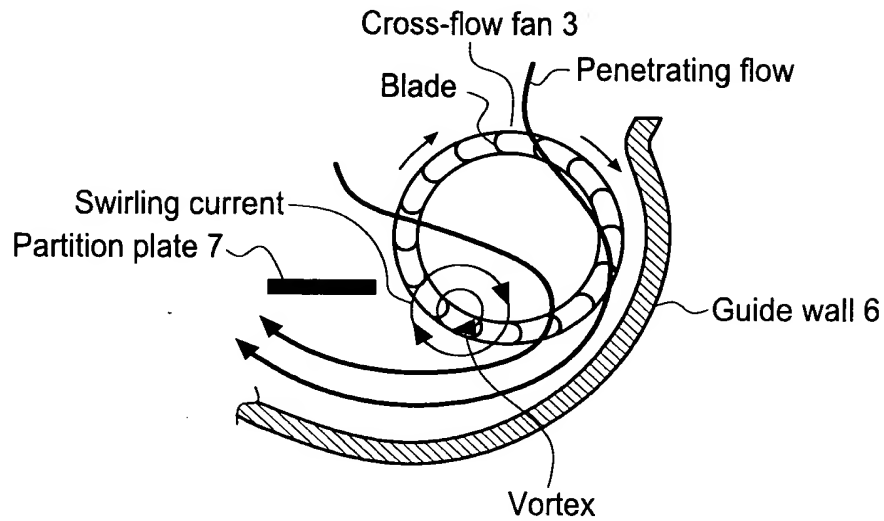


FIG. 8

Example of misalignment of cross-flow fan rotating shaft.

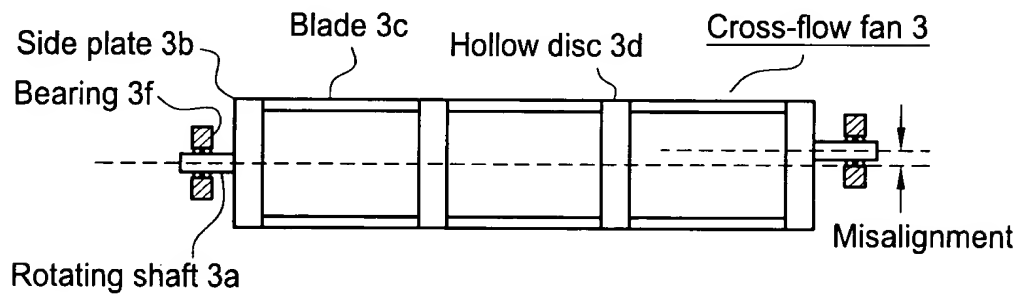


FIG.9(a)

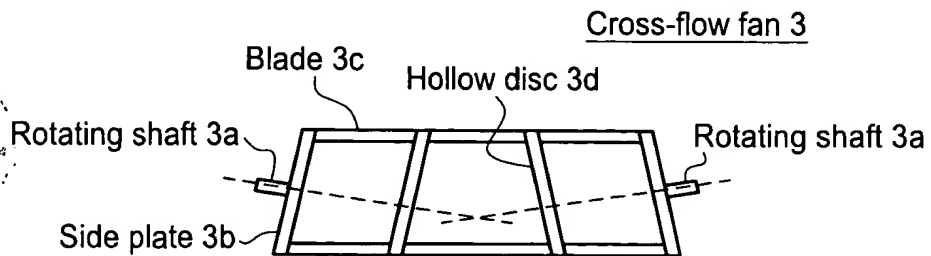


FIG.9(b)